

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.

Minutes of the Regular Meetin, January 6th, 1927.

The meeting was called to order by the President Mr. Catel. The minutes of the previous meeting were read and approved.

Mr. Knoff introduced the speaker of the evening, Dr. Balke of the Pansteel Products Company, North Chicago, Illinois. His talk on the use of tantalum for rectification purposes proved very interesting and held everyones attention at all times. Samples of the ore and tantalum metal were passed around for inspection.

There were no publication or membership committee reports.

9DTK reported on his visit to 9EK at Madison, saying that there were three crystal control transmitters on 20-40 & 80 meters at present, which could be operated simultaneously. He also reported that the 250 watters were not working as rectifiers as yet.

A motion was made and seconded to adjourn the meeting.

Respectfully submitted

Frederick D. Schumaker

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.

Minutes of the Regular Meeting January 13th, 1927.

The meeting was called to order by the President Mr. Catel. The minutes of the previous meeting were read and corrected.

Catel reported that Mr. Hoffman of the Burgess Battery Company will visit the Club in the future. Mr. Schnell will also accompany him at the same time.

Mr. Kendall Clough of the Chicago Radio *research* Laboratories ^{*was*} the speaker of the evening. He talked on Audio Amplification. He touched on the improvement in design of Audio Frequency Transformers and the equipment used to test Audio Frequency Transformers, saying that it differed from that used by other companies. ~~He~~ Spoke on the uses of the new glow tube for voltage control in B Eliminators. He brought up the subject of short wave tuner design and said that there was field for investigation for the amateur in ratio of L to C in coils. He answered quite a few questions and a general discussion took place.

Mr. Catel reported that the next meeting would be devoted to committee reports.

Mr. Crapo said that 9DTK was much sharper now that he was using the 250 watters for rectifiers.

There being no further business the meeting was adjourned - a motion being made and seconded to that effect.

Respectfully submitted

Flemont D Schunk
Secy

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.

Minutes of the Regular Meeting January 20th, 1927.

The meeting was called to order by the President Mr. Catel. In the absence of the regular secretary Mr. Fred Schunk acted as Secretary.

Mr. Crapo reported that traffic was improved and that a lot of new stations were coming on the air. He also stated that we should have a few more ORS. Mr. Coates, Publication Committee Chairman, advised the members that the Samson Electric Company is putting out a pamphlet on Audio and Radio Frequency, which can be had at 25¢ a copy. He also reported that the Silver Marshall Company were putting out a similar booklet, which can be had for the asking. He also reported on an article on Beam Transmission, which appears in the February issue of "Radio Broadcast". Mr. Jutrash reported that he figured on running a Ham Dance.

The latter part of the meeting was devoted to actual discussion on club welfare.

There being no further business a motion was made and seconded to adjourn.

Respectfully submitted

The discussion was on the changing of meetings from weekly to bi-monthly.

Fred E. Schunk
Acting Secretary

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.

Minutes of the Regular Meeting January 27th, 1927.

The meeting was called to order by the President Mr. Catel. The minutes of the previous meeting were read and corrected.

Mr. Coates, Publication Committee Chairman, had nothing to report. Mr. Fred Schunck, Membership Committee Chairman, reported that he was sending out circulars to all members.

Mr. Catel brought up the new traffic route map, which was compiled by Mr. Crapo and the route manager Mr. Kemmeter.

Quite a discussion in the change of meeting took place. Whereupon an old gentleman, that is a frequent visitor of the club, said a few words on - Injecting life into organizations. A Code Class was proposed and Mr. Dionne was appointed to rig up a code practice outfit. A committee of three, consisting of Messrs. Wilkins, Decker and Dionne will handle the club code class.

The Treasurer reported a balance of 22.10

The question of the multigraph machine was next brought up and the club publication "The Northwest Radio Amateurs' News" was also discussed on the floor.

A recommendation was made to hold closed meetings on one Thursday a month.

A motion was made and seconded to adjourn the meeting.

Respectfully submitted

—Frederick D. Schunck

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.

Minutes of the Board of Directors' Meeting January 27, 1927.

The meeting was called to order by the Chairman, Mr. Catel.

First order of business was the election of Mr. Coates as director. Further election of directors were Mr. Dionne, 9ALV, Mr. Jutrash, 9ALL, and Fred Schunok as Vice-director, these filling all of the vacancies on the Board.

The Chairman instructed the Secretary to write Mr. Schultrich to ascertain if his duties make it impossible for him to serve as Traffic Committee Chairman.

Mr. F.E. Wilkins, Jr., was appointed Technical Committee Chairman to fill the position left vacant by Mr. Chromy and Mr. Dionne is also to serve on the Committee.

The matter of club publicity was discussed and an effort will be made to get notices of meetings in all local newspapers.

A motion was made, seconded and passed to hold one closed meeting a month.

A motion was made, seconded and passed that all meetings be declared closed meetings excepting those designated by the President as open meetings. Only members in good standing and their guests for whom guest cards will be issued for each meeting will be admitted to these meetings.

Their being no further business the meeting was adjourned.

Respectfully submitted,

Fremont D. Schunok

THE MILWAUKEE RADIO AMATEURS' CLUB

Minutes of the Regular Meeting February 3rd, 1927.

The meeting was called to order by the President Mr. Catel. The minutes of the previous meeting and of the Board of Directors meeting following the regular meeting, were read and approved.

The regular order of business was dispensed with until the feature program of the evening, a talk on radio compass by Mr. Sam Snead, was completed. He talked on the work he did and the possibilities of the radio compass for various uses, including the guiding of vessels in weather of low visibility and guiding aeroplanes. A general radio super-heterodyne is used for the work.

Mr. Ed Jaecker 9AAE of Chicago was a visitor at the meeting; he spoke on the work of the CRTA. Ray Peterson 9DRB, an old-timer who just got back into the CW game, gave a few reminiscences of the old days.

John Meyer 9BKR said that he was staging a come-back and would be on the air more frequently in the future.

Mr. Dionne, chairman of the code class committee, said that Mr. Decker 9DOL would be on the air from 6:30 to 7PM for two weeks on 40 meters, starting Friday February 11th with code instructions.

Mr. Coates reported that he had received "Radio" but that there was nothing much of interest in it excepting the installation on Zane Grey's Cruiser.

Mr. Fred Schunck, Membership Committee Chairman, reported that he had taken in three new members and many good prospects were being lined up. Mr. Knoff read several articles, one on the death of a prominent Cincinnati Amateur and the other on the work of a Canadian in connection with the Canadian National Railways on the QSO of one of their stations with a seventh district station and an Australian station.

Mr. Catel sent out invitations to all Boy Scouts to attend the Code Class. Mr. Amstutz read the "ARRL Broadcast" of the week and the following week as he had promised for the benefit of those that did not copy them on the air.

Mr. Crapo was then called on, and had quite an interesting report to make. He reported that Wisconsin had a total of 1262 messages, which were handled by 18 stations, -Ohio being first in the Central Division with 1582 but this amount of traffic was handled by 40 stations, showing that more messages per station were handled by Wisconsin stations. He also said that all ORS were not reporting. He also asked for the whole-hearted co-operation with Mr. Kemmeter 9DLD of Jefferson, Wisconsin as route manager.

Mr. Crapo recommended the use of 40 meters for daylight traffic handling, and 30 meters for night work.

Mr. Catel stated that all meetings would be closed meetings unless called otherwise by the President and that only paid-up members and their guests would be admitted to closed meetings.

A motion was made and seconded to adjourn the meeting.

Respectfully submitted,

Fremont D. Schunk

THE MILWAUKEE RADIO AMATEURS' CLUB

Minutes of the Regular Meeting February 10th, 1927.

The meeting was called to order by the President Mr. Catel. Preceding the meeting the Code Class was held and was well attended.

Mr. Catel read a letter from Mr. Colvin 9WV of Kansas City, Mo., asking that any new subscriptions or renewals be sent to him. He has the use of only his left arm. Mr. Catel instructed the Secretary to write Mr. Colvin and tell him that he would receive the support of the MRAC. A motion was made, seconded and passed to send all renewals or subscriptions to the League, through Mr. Colvin, who would receive credit but Mr. Colvin would mention on the subscription blank, the name of the Milwaukee Radio Amateurs' club.

Mr. Coates, publication Committee Chairman, spoke on several new ideas in with up-to-date catalogs and offered to get them if they left their name.

Mr. Catel told of the QSO party to be given by The Racine Amateur Radio Association on February 26th.

Mr. Jasperson EX2NW now 9DJK told about activities in the East and also mentioned the name of a lad who can supply pure aluminum.

The meeting was closed sooner than usual because the Chairman had to leave. A motion was made and seconded to adjourn the meeting.

Respectfully submitted

Freemont D Schunck
Secy 9AFZ

THE MILWAUKEE RADIO AMATEURS' CLUB

Minutes of the Regular Meeting February 17th, 1927.

In the absence of Mr. Catel, Mr. Knoff presided. The minutes of the previous meeting were read and approved.

The Membership Committee Chairman, Mr. Fred Schunck, reported that the drive was progressing and that two new members had been taken in. One new member was voted in. He brought up the matter of the ARRL pin for five new members. Whereupon a motion was made, seconded and passed to present a ARRL pin to the member securing five new members. Mr. Amstutz, Business Manager, had no regular business to report but again read the Broadcast. He asked for information on the Harmonics of broadcast stations in the amateur bands.

A discussion took place on peaked audio frequency transformers for use on short wave receivers.

The new members were presented with their certificates and membership cards.

Mr. Schultrich, Traffic Committee Chairman, was back on the job and said due to an accident he had been unable to attend regularly but had been looking up information on portable transmitters and receivers and was working on one at the present time.

✓ Mr. Knoff reported a case of interference in the vicinity of 10th and Cedar Streets.

The entertainment Committee Chairman, Mr. Jutrash, reported that no dance would be held until after Lent but that a theatre party would be run before the dance.
and

Mr. Russell Lighty, 9DZV of Madison, Wisconsin was a visitor and spoke a few words on organizations in Madison.

The ham fest at Racine February 26th was again announced. Mr. Knoff asked all those who were able to go to make the trip as no doubt it would be well worth the time.

The museum exhibit was discussed and ^{the} work will again be taken up.

Mr. Crapo then brought up his dial - something new for use on short wave receivers.

There being no further business a motion was made, seconded and passed to adjourn the meeting.

Respectfully submitted

Fremont D. Schunck

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.

Minutes of the Regular Meeting February 24th, 1927.

In the absence of Mr. Catel the vice-president Mr. Knoff presided. The minutes of the previous meeting were read and approved. The secretary read a letter from the Racine Amateur Association regarding the coming banquet and also a letter from the American Multigraph Sales Company, telling of the present state of affairs in regard to the multigraph machine purchased of them.

Mr. Decker 9DOL asked to be relieved from sending out the code instructions for a short time. Mr. Sheaffer 9SA will take up the work for at least five days and after that if needed Mr. Dionne 9ALV will continue.

The Membership Committee Chairman, Mr. Fred Schunck, reported that he had secured the pamphlets from Mr. Crapo and would distribute them to all those wanting them. Mr. Coates, Publication Committee Chairman, reported that the QRS people were now manufacturing a full wave rectifier tube rated at 300 volts - 300 mills. He also gave a report on coil resistance as set forth in General Radio paper, which brought out many interesting facts. The subject of harmonics of broadcast stations in the amateur bands was again brought up and discussed. It was brought out that this work had been taken up by the League at once time but it was deemed advisable to drop the matter because of the fact that at the present time there were many amateurs working outside of the bands, possibly unknowingly. It was reported that WSOE was operating on 65 and 14 meters but it was unknown whether these were harmonics or if they were licensed to do so. Harmonics were picked up by members from WENR, WBBM, WMAQ, WHT, and of course, no end of Harmonics from Milwaukee stations and also a new Columbus, Ohio station was received on a harmonic by Mr. Kaetel.

The Radio Control Bill and present situation of radio in the United States was brought up. It is understood that the new commission of five will be appointed shortly by President Coolidge. It was suggested and recommended that Mr. Hiram Percy Maxim, President of the American Radio Relay League be considered for appointment on the Federal Control Commission because of his experience and unbiased stand in radio. A motion was made, seconded and passed to write President Coolidge, recommending Mr. Maxim and that a movement be started whereupon all amateurs would send in individual petitions to this effect.

Membership certificates were given out to the members just coming into the club.

Mr. Knoff announced that a meeting of the Army Reserve Officers would be held in the Trustees Room of the Public Museum Sunday at 2PM.

There being no further business a motion was made, seconded and passed to adjourn the meeting.

Respectfully submitted

Fred W. Schunck

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.

Minutes of the Regular Meeting March 3rd, 1927.

The meeting was called to order by the President Mr. Catel. The minutes of the previous meeting were read and approved. Mr. Coates, Publication Committee Chairman, reported on the New English Marconi A-1 tube. Mr Coates said that he had secured a number of copies of the General Radio paper that was discussed at the last meeting, for distribution to those who had signed up for it. Mr. Dionne 9AIV reported for the Technical Committee, on grid plate detection, an article that appeared in March QST.

Mr. Knoff reported on the successful five meter work of 2EB and 2NZ and had a diagram on the board of the transmitting circuit used by 2NZ.

Mr. Grapo SCM reported that 1526 messages were handled in Wisconsin during the period from January 26th to February 25th. 9DTK again led the field.

Mr. Jutrash discussed the new city radio ordinance and the proposed law, and it was discussed on the floor. Mr. Jutrash also brought up the matter of securing the water tower on 12th and North for use as a club station. He said that he had written Alderman Schad and requested all members to get in touch with some Alderman and speak for the club.

Mr. Catel gave some interesting data on the use of the 2 250 Watt tubes for rectifiers and voltage curves. He said that he was able to control the output very well by varying the filament current.

There being no further business a motion was made, seconded and passed to adjourn the meeting.

Respectfully submitted

Fremont D. Schunck

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.

Minutes of the Regular Meeting March 10th, 1927.

The meeting was called to order by the President Mr. Catel. The minutes of the previous meeting were read and approved.

The Membership Committee Chairman, Mr. Fred Schunck, had nothing to report. Mr. Dionne was appointed Technical Committee Chairman in lieu of Mr. Wilkins. He gave a wrinkle for spacing Cardwell Condensers that he had found out from experience. Mr. Jutrash said that he had not as yet heard from Alderman Schad in regard to the use of the water tower on 12th and North as a club station. Mr. Baird, who attended the public hearing of the new ~~Radio~~ Radio Ordinance, reported that nothing of interest to the amateur came up and said that the next meeting of the committee would be sometime after May 1st.

Mr. Catel read a communication from Mr. Knoff, just an informal note, on his talk with assistant City Attorney Walter Mattisson on his views on amateur radio. He was of the opinion that there were about 500 amateurs in the city and they were causing a great deal of interference.

The matter of key clicks was discussed and Mr. Catel gave the circuit used by Miller of 9XM for clickless keying.

The treasurer reported a balance of \$44.05.

A motion was made, seconded and passed to place an add in the Milwaukee Journal for the sale of the club multigraph machine.

An article was read by the secretary on the new tubeless radio, the invention of Dr. Palmer Craig of Mercer University, Atlanta, Ga.

The code class held at the beginning of the meeting is still holding out and are making fine progress.

A motion was made, seconded and passed to adjourn the meeting.

Respectfully submitted

Tremont D. Schunck
Secretary

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.

Minutes of the Regular Meeting March 17th, 1927.

The meeting was called to order by the President Mr. Catel. The minutes of the previous meeting were read and approved.

Mr. Dionne, Technical Committee Chairman, talked on an article in "Popular Radio" - double element tubes. Mr. Catel, Program Committee Chairman, reported that Mr. Miller 9XM would speak next Thursday on "Hi Frequency Transmission", and that Mr. John H. Miller of the Jewel Electric Instrument Company would speak April 21st on methods of measuring condensers. Fred Marco 9QH will be with us April 7th, talking on SW Rec. and Trans., and for the QSO party that will be held sometime in May, - Messrs. Hoffman & Schnell would talk.

Mr. Crapo brought along his automatic schedule finder, that he had promised to show the Gang.

The Treasurer reported a balance of \$42.85.

A communication was read from Mr. Maxim thanking the Milwaukee Club for the spirit they showed in their efforts to place him on the Radio Control Commission.

One new member Mr. Kulinski was voted in.

Mr. Dionne explained how to air cool a tube. X9~~LD~~LD, Mr. Krones, a visitor in our midst told of some of his experiences in his travels. Mr. Nickel said he would be back on the air again.

Mr. Catel brought up the matter of the abolishing of the National Convention and it was discussed on the floor. A resolution was drawn up and sent to headquarters protesting on the action of the Board and demanding an explanation.

A motion was made and seconded to adjourn the meeting.

Respectfully submitted

Frederic W. Schunck

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.

Minutes of the Regular Meeting March 24th, 1927.

The meeting was called to order with the Vice-President Mr. Knoff in the chair. The minutes of the previous meeting were read and corrected per Mr. Kroner's request to be known as a regular member and not as a visitor.

Mr. Amstutz, Business Manager, gave a report on aluminum, some information he had received from the Aluminum Company of America in his correspondence with them. Mr. Crapo SCM said that the headquarters were asking for more reports on 20 meter work. He spoke of the new method of counting messages whereby a message ^{signature} was counted two and also messages delivered. This is being tried to insure more deliveries.

The President and Secretary of the Racine Club - Messrs. Patsch and De Chant were visitors. Mr. Patsch thanked the Milwaukee Gang for their co-operation in putting over the banquet.

Mr. Baird told of the Heising Modulation Choke that was designed by Mr. Wareing 9NY for the station KFKB at Melford, Kansas which Mr. Ford is contracting. Mr. Cobb 1AUB told of the activities of the amateur station at the School of Engineering 9SO. Mr. R.O. Jaspersen, a former 2 and again a resident of Milwaukee told of how he got into the ham game and gave some of his experiences.

Mr. Knoff suggested that the Milwaukee Club keep in touch with the Radio Commission and make any suggestions that would warrant notice. This will be brought up again at a future date.

The question of amateur interference to BCL's was discussed and Mr. Jameson suggested that it maybe RF feed back into the power lines from the transmitter. His investigation showed that interference was noticed when using a B Eliminator on the receiving set and was not there when using B batteries.

At this time the President Mr. Catel and Mr. Miller of 9XM speaker of the evening came, whereupon the President started off with his alibi for being late.

Mr. Miller's talk was on radiation and antenna systems. While Mr. Miller's talk was short, nevertheless it was interesting and we hope that he will be able to go further into the subject at a future date.

There being no further business the meeting was adjourned.

Respectfully Submitted

Freeman D. Schundt

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.

Minutes of the Regular Meeting March 31st, 1927.

The meeting was called to order by the President Mr. Catel. The minutes of the previous meeting were read and approved.

Mr. Wysocke gave a talk on William Ramsdale's station 9BTO.

Mr. Crapo S.C.M. gave a report on traffic, saying that the totals for Wisconsin took quite a drop and that all ORS were not reporting.

Mr. Kroff gave a fine report for the Publication Committee. Clippings of news of interest to amateurs from papers all over the country were read and discussed.

Mr. Catel, Chairman of the Program Committee, reported that Fred Marco 9ZA would talk next Thursday on "Short Wave Receivers and Transmitters" under the auspices of the Aero Products Company of Chicago.

Mr. John H. Miller of the Jewell Elec. Inst. Company will be with us on May 5th. He also said that Messrs. Hebert and Handy will visit Milwaukee on their way from a convention at Ames, Iowa April 19th, this being Tuesday the regular meeting will be set ahead.

Mr. Wilkins offered to make coils of copper tubing.

Mr. Kaetel sold two dials.

There being no further business the meeting was adjourned.

Respectfully submitted

Fremont D. Schunck

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.

Minutes of the Regular Meeting April 7th, 1927.

The meeting was called to order by the President Mr. Catel. The attendance was very good, there being 65 present. The minutes of the previous meeting were read and approved.

A letter was read from Mr. Colvin, to whom club subscriptions have been turned over, thanking the club for doing so.

Mr. Kroff reported that WLW would broadcast on 52.03 meters. He also said that all Mr. Gornsback's prophecies have come true.

The speaker of the evening, Mr. Fred Marco 9ZA, opened his talk with his usual joke. He reported on the Radio Conference at Washington and said that Mr. Warner, Secretary of the League, made a good impression before the hearing. It appears that there will be no immediate changes in amateur regulations, until the present broadcast tangle is straightened out. He also said that Commissioner Dillon, who no doubt is the most powerful man on the commission, is in favor of the amateur.

He next described the low power transmitter that he had designed, using a tuned plate and tuned grid circuit. He touched on receiver design and why he shielded a short wave receiver. By shielding he eliminated all trace of WTBH, who are right on top of him. He next talked on general amateur operation. He listed four points for successful working of an amateur station--

1.	Transmitter design	10%
2.	Location	30%
3.	Power	5%
4.	Operator's ability	55%
		<hr/> 100%

He next told of how he broke into the amateur game and several incidents that had come up. In the questions asked, he touched on Hertz Antenna Systems.

His talk was as interesting as it always is and the applause he received spoke well for him.

There being no further business the meeting was adjourned.

Respectfully submitted

Fremont D. Schunck

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.

Minutes of the Regular Meeting April 14th, 1927.

The meeting was called to order by the President Mr. Catel. The minutes of the previous meeting were read and approved.

The Secretary read a letter from Mr. De Land, who asked for help from some member of the Club to teach him code.

One new member Clarence Steele 9ALA was admitted to Junior membership.

Mr. Catel distributed some literature from the Aero Products Company and the program for the Dakota Convention. The new amateur regulations were discussed on the floor.

The treasurer reported a balance of \$49.10.

Mr. Dionne, Technical Committee Chairman, reported that The Burgess Battery Company was putting out a circular on a new shielded short wave receiver. Mr. Budny described station 9EIH, which he had visited. The Program Committee Chairman, Mr. Catel, again called the attention of the members to the special meeting to be held next Tuesday at the Journal Building, at which Mr. Hebert Treasurer and Mr. Handy Communications Manager of the League would speak. The entertainment committee set the date of May 28th for the QSO party and they are now making arrangements for it.

Mr. Amstutz gave several technical notes on short wave plug-in coils and primary control of transformers. The matter of broadcasting chain programs on the same frequency over different stations was discussed. It was laid over for future discussion because of lack of definite data. Mr. Amstutz brought up the measuring of distance on maps and quite a discussion took place on this subject.

There being no further business the meeting was adjourned.

Respectfully submitted

Fremont D. Schunck

9AFZ

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.

Minutes of Special Meeting Held April 19th, 1927 at Journal Building

The meeting was called to order by the President Mr. Catel. Mr. Catel said that the usual club reports would be dispensed with.

The Secretary read a letter from Mr. De Land, thanking the club for the prompt attention his previous letter received and he also offered an apology; the Secretary also covered the affiliated club reports.

Mr. Catel turned the chair over to Mr. Knoff our Vice President, to introduce the speakers of the evening.

Mr. Hebert Field Man of the League covered a lot of ground and tried to straighten out anything that was not clear or any trouble that might exist. He talked on Radio Legislation and read a copy of the League's recommendations as set before the Radio Convention. Mr. Warner sure is to be congratulated for the manner in which he carried on. He also gave the latest information on Amateur licenses. He was questioned as to the action to be taken in regard to the Director for the Central Division, who continually ignores and fails to reply to any communications sent him. This was laid aside to be taken up later in the evening again, when a resolution would be drawn up.

* Mr. Handy was next introduced and his subject as would be expected was mainly on the Communications Department of the League. * The abolishing of conventions was talked on quite extensively and Mr. Hebert explained the reason the Board of Directors took this action - that the Board believed that it would be to the advantage of the League to sponsor Divisional Conventions.

→ The beginning of the League was told by Mr. Handy. He spoke of some of the early work and how it was that the present message handling came about. He went from the International Relay party to present expeditions, giving all messages and other traffic matters quite in detail.

At this time Mr. Hebert got out his motion picture machine and during the intervening time the resolution spoken of in the early part of the evening was put before the members and adopted.

The motion pictures, which were taken by Mr. Maxim of League Headquarters, showed the different men at work and showed us how things were handled. To hold a gang of 70 hams together for four hours, the duration of the meeting, spoke well for the interesting talks by Messrs. Hebert and Handy.

There being no further business a motion was made and seconded to adjourn the meeting.

Respectfully submitted,

Freemont D. Schunck

THE MILWAUKEE RADIO AMATEURS CLUB, INC.

Minutes of the Regular Meeting, April 28th, 1927.

The meeting was called to order by the President Mr. Catel. The minutes of the previous meeting were read and approved.

The application for non-resident membership of Wm. Ree of New Holstein, Wisconsin was read.

Mr. Knoff reported for the Publications Committee. He told of the WGY short wave tests to be made on telephone and telegraph signals. He gave a description of the new UX872 transmitting tube. The results of the Army Amateur Radio net tests were read.

Mr. Catel read a letter from Mr. Joseph Kemmeter 9DLD of Jefferson, route Manager for Wisconsin, who made the trip to the Dakota Division Convention at Minneapolis in company with 9BJW and 9BIB of Racine. His letter covered the trip up there and the convention and their return trip. The Secretary gave a verbal report of the convention.

At this time the matter of National Conventions was again brought up and discussed.

Upon a motion made and seconded, at the suggestion of the Secretary, a donation of \$10.00 was authorized for the Mississippi Valley Flood Fund, to be paid to the American Red Cross.

There being no further business the meeting was adjourned.

Respectfully submitted

Fremont D. Schunck

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.

Minutes of the Regular Meeting May 5th, 1927.

The meeting was called to order by the President Mr. Catel. The minutes of the previous meeting were read and approved.

A letter was read from K.B. Warner in reply to the resolution sent in to headquarters.

Mr. John Miller of the Jewell Electrical Instrument Company was introduced as the speaker of the evening. He spoke on the different uses to which ordinary meters can be put - as measuring resistance capacity and inductance. He also explained why 9DTK's filter condensers broke down. He replied to the inquiry of Mr. Rose's on modulation and volume indicators.

Mr. Jutrash reported for the entertainment committee and said that arrangements for the QSO party were well under way and that cards would be sent out next week.

Mr. Crapo S.C.M. reported a total of 1009 messages handled in Wisconsin during the period from March 26th to April 25th, with 9EK leading with 230.

Mr. Catel reported that Mr. Angus SCM for Indiana would be present next Thursday.

Mr. Coates reported on a short wave received that appeared in "Radio Broadcast" and also that negotiations were under way to get Paul McGee, who made the trip to Greenland with WAP, to lecture week after next.

The time warm subject of National Conventions was again brought up and discussed but nothing definite was done.

There being no further business the meeting was adjourned.

Respectfully Submitted.

Fleming D. Schunck

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.

Minutes of the Regular Meeting May 12th, 1927.

The meeting was called to order by the Vice-President Mr. Knoff, Mr. Catel being absent. The minutes of the previous meeting were read and approved.

Mr. Jutrash, Entertainment Committee Chairman, reported on the coming QSO Party. Mr. Amstutz, Business Manager, had no business to bring up but told how he controlled his BCL set with a clock and explained a trickle charger that he had made.

The meeting was then thrown open and a general discussion took place, there being no further business.

A motion was made and seconded to adjourn the meeting.

Respectfully submitted

Fremont V. Schunck

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.

Minutes of the Regular Meeting May 19th, 1927.

The meeting was called to order by the President Mr. Catel. The minutes of the previous meeting were read and approved.

The Secretary read a letter from the CRTA regarding placing an add with a ballot on National Conventions in "QST". It was discussed on the floor but no definite action taken.

Mr. Dionne reported that Mr. De Land was progressing favorably with the code. Mr. Coates, Publication Committee Chairman, gave a report from "Wireless Experimenter", an English Radio Magazine, on transmission tests on short waves. Quite a discussion took place at this time on different subjects, including harmonics. Mr. Jutrash reported on the coming QSO party. Two visitors, 9LV and 9BSS, were present.

There being no further business the meeting was adjourned.

Respectfully submitted

Tremont D. Schumck

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.

Minutes of the Regular Meeting May 26th, 1927.

The meeting was called to order by the President Mr. Catel.

Mr. Jutrash, Entertainment Committee Chairman, reported on the progress of the QSO Party. He reported receiving a 160 meter crystal and holder as a prize for the party from the General Radio Company; also a fountain pen and pencil from Mr. Don Sibel.

Mr. Crapo received a letter from John Labat SBFA operating on the SSCA Reiss, suggesting that a few amateurs be on the air during the summer transmitting weather reports, sporting news etc. for the benefit of operators on lake vessels. He requested that volunteers for this service apply to him for this service. This work, as he explained, is to take place on 40 and 80 meters.

Mr. Coates, Publications Committee Chairman, gave a report on "What do we know about Radio Waves in Transit" written by R. W. King of the American Telephone & Telegraph Company, and appearing in the June issue of Radio Broadcast.

Mr. Catel tried in vain to auction off a pair of Western Electric headphones. He succeeded in finally disposing of same to 9AFZ brothers - for the measly price of \$2.75. The club made 25¢ on the deal, which was the auctioneers fees.

Mr. Jutrash reported that the Water Tower question was now before the Committee on Public Utilities and Health.

Mr. Schuh made a motion, which was seconded and passed, that a resolution asking the Navy Dep't to send out a fleet, which is now in Atlantic waters, to meet Capt. Lindbergh, and escort him to port. Mr. Schuh was appointed a committee of one to arrange necessary correspondence.

The meeting was adjourned at 9:35 PM.

Respectfully submitted

Fremont D. Schuch

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.

Minutes of the Regular Meeting June 2nd, 1927.

The meeting was called to order by the President Mr. Catel. The minutes of the previous meeting were read and approved.

Mr. Coates, Publication Committee Chairman, brought down a cone speaker which he constructed. He gave a talk on the details of it's construction.

Mr. Jutrash reported that 70 attended the QSO Party given May 28th by the club. To date the total expenses are \$144.17, and total receipts \$151.50.

Mr. O.F. Winsinger of the American Resistor Corp. gave a talk on resistors and explained the manufacturing details of same. Samples of grid leaks were given to members for trial.

The question of a club picnic was brought up, and it was suggested that the club members start thinking about it.

A motion was made and seconded to adjourn the meeting.

Respectfully submitted

Fred Schunck
Acting Sec

Absent from meeting
703

MILWAUKEE RADIO AMATEUR'S CLUB, INC.

Minutes of the Regular Meeting June 9th, 1927.

The meeting was called to order by the President Mr. Catel. The minutes of the previous meeting were read and approved. The various committees were called on but there were no reports to be made.

The subject of a picnic was discussed and the President appointed the present entertainment committee to make arrangements for same. He appointed Mr. Knoff to secure a place in which the picnic could be held. The tentative date is July 24th.

Mr. Schuh reported on the progress made in securing the Water Tower on Twelfth and North for a club station and meeting place. He said that he had spoken to the editor of the "~~Daily~~town News" and various other members, and said that they were all in favor of the proposition. Mr. Catel appointed him on the Committee on which Mr. Jutrash is already serving.

Mr. Catel reported on his visit to 9EK, and the various transmitters, including the five meter set which is atop a pole. He also described an aeroplane receiver.

Mr. Baird reported that "The Wisconsin Radio Trade Association" officials have decided to hold the Radio Show next fall - October 4th to 9th, and asked whether the club wanted booth space. The club decided again to hold an exhibit at the show.

There being no further business the meeting was adjourned.

Respectfully submitted

Fremont W. Schunck

THE MILWAUKEE RADIO AMATEURS' CLUB, INC.

Minutes of the Regular Meeting June 16th, 1927.

The meeting was called to order by the President Mr. Catel. The minutes of the previous meeting were read and approved.

In response to a letter from headquarters regarding the organization of interference committees to serve the local communities, a motion was made and seconded to have the President appoint a committee of three and have the secretary write headquarters telling them that a committee has been appointed, and also mentioning the fact that the club has always been active in local interference matters. Dan Seibel, Ted Wysoke and B.W. Ramsdale were appointed on this committee.

Mr. Schuh read a reply from the Whitehouse, which acknowledged the receipt of the club's letter and resolution of June 8th, asking that Col. Lindbergh be given a Naval Escort in recognition of his "New York to Paris" flight.

Mr. Schuh also reported that he could obtain a hall, free of charge, for the purpose of a club dance, whereupon the entertainment committee was informed to make the necessary arrangements.

A motion was made and seconded to appropriate \$15.00 to the committee for dance expenses and another \$15.00 for picnic expenses.

The treasury report was next read and showed a balance of \$32.68.

The meeting then adjourned with the announcement that the next to be held would be on September 15th, 1927.

Respectfully submitted

Fremont D. Schuch

END'